

*Projections for Planning Purposes Only
Not to be used without Updating after December 15, 2003*

B-1241 (C10)

Table 30.A Estimated costs and returns per Acre
Processed Spinach, Irrigated
2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
spinach process	ton	76.00	6.0000	456.00	_____
spinach process	ton	76.00	5.0000	380.00	_____

TOTAL INCOME				836.00	_____
DIRECT EXPENSES					
CROP INSURANCE					
crop insurance-NAP	acre	2.00	1.0000	2.00	_____
FUNGICIDE					
fungicide spinach2	acre	48.50	1.0000	48.50	_____
fungicide spinach	acre	20.00	2.0000	40.00	_____
INSECTICIDE					
insect spinach	acre	20.00	4.0000	80.00	_____
insect spinach #1	acre	12.00	1.0000	12.00	_____
FERTILIZER					
nitrogen dry	lb	0.21	110.0000	23.10	_____
phosphate	lb	0.23	100.0000	23.00	_____
MISC ADMIN O/H					
mis admin o/h	acre	3.00	1.7500	5.25	_____
MISC					
hired labor \$7	HOURLY	7.00	3.0000	21.00	_____
HERBICIDES					
herbicide spinach c	acre	15.00	1.0000	15.00	_____
CUSTOM					
pesticide appl veg	acre	4.50	5.0000	22.50	_____
herb appl	acre	4.50	1.0000	4.50	_____
fertilizer appl	acre	1.80	1.0000	1.80	_____
IRRIGATION					
irrigation costs	ac/in	2.75	16.0000	44.00	_____
OPERATOR LABOR					
Tractors	hour	8.90	1.7941	15.96	_____
IRRIGATION LABOR					
irr system 1	hour	8.90	0.8000	7.12	_____
DIESEL FUEL					
Tractors	gal	0.92	11.2790	10.37	_____
REPAIR & MAINTENANCE					
Implements	Acre	8.03	1.0000	8.03	_____
Tractors	Acre	18.34	1.0000	18.34	_____
Pick-up, 3/4 ton	acre	2.00	1.0000	2.00	_____
irr system 1	ac/in	0.17	16.0000	2.72	_____
INTEREST ON OP. CAP.	Acre	10.71	1.0000	10.71	_____

TOTAL DIRECT EXPENSES				417.92	_____
RETURNS ABOVE DIRECT EXPENSES				418.07	_____
FIXED EXPENSES					
Implements	Acre	15.74	1.0000	15.74	_____
Tractors	Acre	31.34	1.0000	31.34	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____
irr system 1	ac/in	0.17	16.0000	2.72	_____

TOTAL FIXED EXPENSES				52.80	_____

TOTAL SPECIFIED EXPENSES				470.73	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				365.26	_____
ALLOCATED COST ITEMS					
cash rent spinach	acre	35.00	1.0000	35.00	_____
RESIDUAL RETURNS				330.26	_____

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Table 30.B Estimated resource use and costs for field operations, per Acre
Processed Spinach, Irrigated
2003 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
shredder		100	0.199	1.00	Aug	3.08	3.58	0.58	0.91	0.199	1.77				9.95
offset disc - veg	8-foot	100	0.125	1.00	Aug	1.94	2.25	0.68	1.42	0.125	1.11				7.41
moleboard plow veg2		150	0.169	1.00	Aug	2.85	2.81	1.25	1.96	0.169	1.51				10.39
offset disc - veg	8-foot	100	0.125	1.00	Aug	1.94	2.25	0.68	1.42	0.125	1.11				7.41
land plane		100	0.190	1.00	Aug	2.96	3.44	1.06	2.20	0.190	1.69				11.37
nitrogen dry	lb			1.00	Aug							50.0000	0.21	10.50	10.50
phosphate	lb											100.0000	0.23	23.00	23.00
mis admin o/h	acre											1.0000	3.00	3.00	3.00
offset disc - veg	8-foot	100	0.125	1.00	Aug	1.94	2.25	0.68	1.42	0.125	1.11				7.41
bedder	6-row	100	0.114	1.00	Aug	1.76	2.05	0.36	0.76	0.114	1.01				5.97
irrigation costs	ac/in											4.0000	2.75	11.00	11.00
insect spinach	acre			1.00	Aug							1.0000	20.00	20.00	20.00
pesticide appl veg	acre											1.0000	4.50	4.50	4.50
planter	4-row	100	0.229	1.00	Sep	3.56	4.14	1.35	2.82	0.229	2.04				13.94
irrigation costs	ac/in											3.0000	2.75	8.25	8.25
crop insurance-NAP	acre											1.0000	2.00	2.00	2.00
herb appl	acre			1.00	Sep							1.0000	4.50	4.50	4.50
herbicide spinach c	acre											1.0000	15.00	15.00	15.00
fungicide spinach2	acre											1.0000	48.50	48.50	48.50
nitrogen dry	lb			1.00	Sep							60.0000	0.21	12.60	12.60
fertilizer appl	acre											1.0000	1.80	1.80	1.80
irrigation costs	ac/in			1.00	Sep							3.0000	2.75	8.25	8.25
cultivator	4-row	150	0.171	1.00	Oct	2.88	2.84	0.44	0.92	0.171	1.52				8.63
cultivator	4-row	150	0.171	1.00	Oct	2.88	2.84	0.44	0.92	0.171	1.52				8.63
insect spinach	acre			1.00	Oct							1.0000	20.00	20.00	20.00
pesticide appl veg	acre											1.0000	4.50	4.50	4.50
irrigation costs	ac/in											3.0000	2.75	8.25	8.25
cultivator	4-row	150	0.171	1.00	Nov	2.88	2.84	0.44	0.92	0.171	1.52				8.63
insect spinach	acre			1.00	Nov							1.0000	20.00	20.00	20.00
fungicide spinach	acre											1.0000	20.00	20.00	20.00
pesticide appl veg	acre											1.0000	4.50	4.50	4.50
irrigation costs	ac/in											3.0000	2.75	8.25	8.25
hired labor \$7	HOURL											3.0000	7.00	21.00	21.00
Pick-up, 3/4 ton	acre			1.00	Nov			2.00	3.00			1.0000			5.00
insect spinach	acre			1.00	Dec							1.0000	20.00	20.00	20.00
fungicide spinach	acre											1.0000	20.00	20.00	20.00
pesticide appl veg	acre											1.0000	4.50	4.50	4.50
insect spinach #1	acre			1.00	Jan							1.0000	12.00	12.00	12.00
pesticide appl veg	acre											1.0000	4.50	4.50	4.50
irr system 1	ac/in			1.00	Jan			2.72	2.72	0.800	7.12	16.0000			12.56
mis admin o/h	acre											0.7500	3.00	2.25	2.25
TOTALS						28.71	31.34	12.75	21.46	2.594	23.08			342.65	460.01
INTEREST ON OPERATING CAPITAL															10.71
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															470.73

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